AVEO ENGINEERING

PN White LEDs: **AVE-PSASW-D01**
PN Red LEDs: **AVE-PSASR-D01**
PN Amber LEDs: **AVE-PSASA-D01**
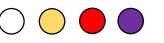PN Infrared LEDs: **AVE-PSASI-D01**

DayLite™

MiniMax Ariel ™

Strobe / Steady LED light

Developed originally at the request of the world's leading UAV manufacturers, all of which now utilize Aveo lighting, the MiniMax Ariel is a compact powerhouse of hemispheric light. It is also a great anticollision light to use on upper and lower fuselage in combination with AveoFlash wing lights due to its incredibly small footprint.
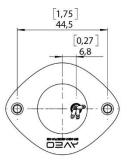
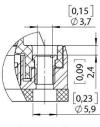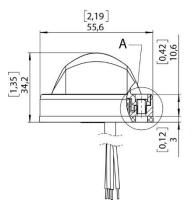Available in white, amber, red or infrared LED color.

Specification

Dimensions:		See drawing on the right
Weight:		53 g / 1.87 oz
Operating voltage range:		9-36 V DC
Current:	- strobe	2.0 A (@12V)
	- steady	0.22 A (@12V)
Output power:	- strobe	24 W
	- steady	2.6 W
Flash rate:		100/50 + 50/50 + 50/950(mS)
Ambient temperature:		from -40°C to +75°C
		from -40°F to +167°F
Overheat protection:		Yes, +85°C
Transient voltage:		60V
Under-voltage lockout:		9V, not more
Over-voltage lockout:		36V, not less
Waterproof, Dust-proof, Shock-proof, Vibration-proof:		Yes
Wiring:		Teflon insulation, 500V
		Wire length from base of unit 254mm (10") min.
Red:		VCCP - AWG 20, Positive power supply line for position
Yellow:		VCCS - AWG 20, Positive power supply line for strobe
Black:		GND - AWG 20, Common negative power supply line
Blue:		SYNC - AWG 20, Synchronization line

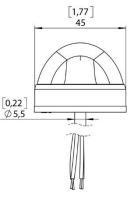*Note: Performance at 25°C and 88% DC-DC efficiency*

Drawing

Dimensions in [inches] mm

NOT APPROVED FOR INSTALLATION ON CERTIFIED AIRCRAFT
THIS IS NOT A TSO CERTIFIED LIGHT